

SITUATION REPORT
CALIFORNIA LIGHT BROWN APPLE MOTH COOPERATIVE ERADICATION PROGRAM
 Report reflects totals received by Thursday at noon

Regulatory Weekly Nursery Inspections, Acres and Suspects Found By County																
County	2009 Totals		YTD 2010		This Week (6/24/2010 To 6/30/2010)											
	Nursery Insp.	Acres Insp.	Nursery Insp.	Acres Insp.	Nursery Inspections						Suspects					
					Production		Retail		Totals		Larvae		Pupae		Egg	
					Insp.	Acres	Insp.	Acres	Insp.	Acres	Submitted	Positive ID	Submitted	Positive ID	Submitted	Positive ID
Alameda	10	6.4	2	1.2	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Contra Costa	621	679.6	111	189.2	1	12.0	0	0.0	1	12.0	0	0	0	0	0	0
Los Angeles	70	790.3	8	52.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Marin	269	181.5	63	61.6	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Monterey	2732	13332.6	1291	6828.4	38	133.6	0	0.0	38	133.6	3	4	0	0	0	0
Napa	67	63.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
San Benito	191	1907.4	93	615.0	1	3.0	0	0.0	1	3.0	0	0	0	0	0	0
San Francisco	226	44.9	156	20.7	0	0.0	4	0.5	4	0.5	0	0	0	0	0	0
San Joaquin	8	1475.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
San Luis Obispo	246	1408.4	330	1358.2	13	97.6	0	0.0	13	97.6	2	0	0	0	0	0
San Mateo	1042	5091.1	191	608.4	1	0.6	0	0.0	1	0.6	0	0	0	0	0	0
Santa Barbara	918	4878.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Santa Clara	577	2869.8	117	2483.2	4	92.0	0	0.0	4	92.0	0	3	0	0	0	0
Santa Cruz	2921	11156.7	855	4800.8	11	151.5	0	0.0	11	151.5	0	4	0	0	0	0
Solano	112	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Sonoma	841	1259.2	563	1122.2	16	32.9	3	2.0	19	34.9	0	0	0	0	0	0
Yolo	100	2778.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0
Grand Total	10951	47935.5	3780	18140.9	85	523.3	7	2.5	92	525.7	5	11	0	0	0	0
As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA)																

Regulatory Weekly Commodity Inspections With Acres And Suspects Found By County															
County	2009 Totals			YTD 2010			This Week (6/24/2010 To 6/30/2010)								
	Cooler Insp.*	Site Insp.	Acres Insp.	Cooler Insp.*	Site Insp.	Acres Insp.	Commodity Inspections			Suspects					
							Totals			Larvae		Pupae		Egg	
							Cooler**	Site	Acres	Submitted	Positive ID	Submitted	Positive ID	Submitted	Positive ID
Alameda	0	0	0.0	0	1	1.00	0	0	0.00	0	0	0	0	0	0
Contra Costa	0	62	223.0	0	26	259.31	0	0	0.00	0	0	0	0	0	0
Los Angeles	0	2	0.1	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Marin	0	459	449.2	0	38	67.60	0	0	0.00	0	0	0	0	0	0
Monterey	1230	644	50017.2	554	411	23195.50	84	13	4217.01	3	2	0	0	0	0
Napa	0	138	700.6	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Benito	26	199	2675.5	17	119	843.50	0	0	0.00	0	0	0	0	0	0
San Francisco	0	0	0.0	0	0	0.00	0	0	0.00	0	0	0	0	0	0
San Joaquin	0	21	252.3	0	4	93.00	0	0	0.00	0	0	0	0	0	0
San Luis Obispo	0	207	1027.4	0	44	99.10	0	23	98.00	0	0	0	0	0	0
San Mateo	0	5	195.0	0	16	15.02	0	3	26.68	0	0	0	0	0	0
Santa Barbara	0	66	395.7	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Santa Clara	0	426	3093.3	0	149	1136.82	0	0	0.00	0	0	0	0	0	0
Santa Cruz	1547	1427	39127.8	556	531	10809.10	38	23	1345.41	38	11	15	0	0	0
Solano	0	27	1041.2	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Sonoma	0	2007	7205.1	0	71	87.61	0	4	7.00	0	0	0	0	0	0
Yolo	0	4	30.1	0	0	0.00	0	0	0.00	0	0	0	0	0	0
Grand Total	2803	5694	106433.4	1127	1410	36607.56	122	66	5694.10	41	13	15	0	0	0
*Cooler inspections are considered 100% inspected. As of 11/19/2009 Immature Life Stages can be rated "A" (Morphological) or "Q" (DNA)															

Total Suspect LBAM Larvae/Pupae/Egg		
Collected	#	% of Collected
Larvae/Pupae/Egg Masses	9,522	100.00
Non-Target Specimens	3,502	36.78
Confirmed "Positive"	6,020	63.22
Note: Records without results are not included. Source: ISIS IV		

Host Plants

This data includes only the 15 most common hosts. 1 PDR number is counted as 1 find

Source: ISIS IV

Scientific Host Name	Common Host Name	# of Repeat Finds
Rubus	Blackberry, Raspberry, Olallieberry	114
Alstroemeria	Peruvian Lily	99
Myrica	Myrica	79
Rosa	Rose	62
Fragaria	Strawberry	59
Ceanothus	Ceanothus	58
Pittosporum	Pittosporum	46
Vaccinium	Blueberry	43
Prunus	Plum, Cherry, Peach, Apricot	37
Leucadendron	Leucadendron	36
Salvia	Sage	34
Rosmarinus officinalis	Rosemary	33
Ribes	Goose Berry	31
Malus	Apple	29
Boronia sp.	Boronia	25

Compliance Agreements Issued to Date

Source: ISIS IV

Total number of sites with Compliance Agreements- includes sites with the same C/A number.	Total Number of (unique) Compliance Agreements Issued			Total Acres under compliance-Active Establishments Only		
(not unique)	Nursery	Commodity	Other	Nursery	Commodity	Other
	1,406	1,667	288	10,506.46	92,412.91	137.57
8,276	Total: 3361			Total: 103056.94		

Source: County Ag. Trappers & LBAM Program Trappers

Report Date 7/1/2010	USDA/CDFA LBAM Traps by Type										
	LBAM Project								CDFA/County		
	Delimitation		Nursery	Survey Traps					County Traps		
	County	Sites	#Traps	Reg. & Detect	Detection	Cropland	Wilderness	Phenology	High Hazard	Detection	Nursery
Alameda					171		9		24	56	260
Contra Costa					266		9		238	55	568
Los Angeles	2	294	211		101		9	4	4,991		5,610
Marin			22		85		9		44	5	165
Monterey	1	95	409	177	573		9		20		1,283
Napa				2					233	26	261
San Benito			2	133	144				8	25	312
San Diego	1	269							561		830
San Francisco							12				12
San Joaquin	3	121	146		1,086		9		620	150	2,132
San Luis Obispo	2	294	37	151	312				165	44	1,003
San Mateo			191		26		9				226
Santa Barbara			242	38	507				547		1,334
Santa Clara			185		69		9				263
Santa Cruz			246		119		9				374
Solano	2	24							782	148	954
Sonoma									418	34	452
Yolo	12	1,079	249		672				115	41	2,156
Total Traps	23	2,176	1,940	501	4,131	0	93	4	8,766	584	18,195

Detection Trapping Pest Results (Adult LBAM):

Source: CDFA/PHPPS

Date 7/1/2010 Positive Totals by Year/YTD											
County	2007	2008	2009	Jan-10	Feb-10*	Mar-10*	Apr-10*	May-10*	Jun-10*	YTD 2010	Total
Alameda	449	2811	43688	437	1004	430	239	32	42	2184	49132
Contra Costa	152	2144	16278	23	115	81	32	11	10	272	18846
Los Angeles	1	0	108	64	37	70	34	25	41	271	380
Marin	77	941	9542	106	326	98	39	9	2	580	11140
Monterey	865	5364	18213	330	597	705	634	711	467	3444	27886
Napa	2	16	287	5	5	4	12	8	2	36	341
San Benito	0	9	26	1	1	12	4	2	4	24	59
San Diego	0	0	0	0	0	1	0	0	0	1	1
San Francisco	4041	17005	60115	102	168	124	107	8	0	509	81670
San Joaquin	0	0	10	0	2	0	2	0	0	4	14
San Luis Obispo	1	0	22	0	3	0	0	0	0	3	26
San Mateo	98	1921	11599	55	270	152	110	9	44	640	14258
Santa Barbara	0	6	2	0	0	0	0	0	0	0	8
Santa Clara	22	131	409	15	11	13	24	4	10	77	639
Santa Cruz	11095	16619	43347	749	1313	1071	1204	838	413	5588	76649
Solano	9	23	176	1	12	66	11	2	0	92	300
Sonoma	0	23	159	24	19	15	6	15	2	81	263
Ventura	0	0	1	0	0	0	0	0	0	0	1
Yolo	0	0	8	0	3	2	4	2	0	11	19
Program Totals	16812	47013	203990	1912	3886	2844	2462	1676	1037	13817	281632
* Not all monthly totals have come in- PDR Identification still in progress											

Facilities and Program Developments:

RESOURCES MANAGEMENT (revised 7/1/2010)

Staffing:

<u>Organization</u>	<u>Total Positions</u>
CDFA (California Department of Food & Agriculture)	11
USDA (United States Department of Agriculture)	25 + 12 SIT
CASS (Cooperative Agricultural Support Services)	35

Background: On February 6, 2007, CDFA was informed that Light Brown Apple Moth (LBAM) was first detected in a light trap in Berkeley that is maintained by a University of California Professor Emeritus. The sample was identified by Australian entomologist Dr. Marianne Horak. There were two unofficial detections in this trap, on July 19, 2006 and November 19, 2006. In response to these unofficial detections, delimitation traps were placed in the spring of 2007, in a 2.5 mile radius around this site. The traps were placed in a 100/50/10 trap per square mile array. During the first inspection of these traps, LBAM were detected in Alameda and Contra Costa Counties. In response to these official detections, detection and delimitation trapping continued throughout the Bay Area, with a total to date of seventeen Counties having detections of LBAM. Trapping was extended State-wide, and larval finds were subsequently found in several locations. Following the issuance of a State Interior Quarantine and a Federal Executive Order regulating the affected area, an emergency project was initiated under joint County/CDFA/USDA management operating under Incident Command and based in Salinas, Watsonville, and now Moss Landing. Program components include detection trapping, diagnostics, inspections of commodities and nurseries, regulatory compliance, and treatments. There are currently three program office locations. The operations base is in Moss Landing and there are field work units in San Jose, Albany, West Sacramento, Nipomo, and Long Beach.